

Application No. 09/926,609
Reply to Office Action of November 17, 2004

IN THE CLAIMS

Claims 1- 51 (Cancelled)

Claim 52 (Currently Amended): A refrigerator door enclosure comprising a transparent glazing, said glazing comprising at least one viewing area, wherein the viewing area has deposited on at least one surface thereof an antifrosting adsorbent layer consisting essentially of a polymeric coating, said polymeric coating containing no inorganic particles and comprising at least one polymer selected from the group consisting of a polyvinylpyrrolidone, a polyvinylpyridine, a polyacrylate, a polyacrylamide, a polyvinyl acetate, a polyacrylonitrile, a polyvinyl alcohol, a polyacrolein, a polyethylene glycol, a polyoxyethylene, a polyurethane, and copolymers based on one or more thereof, and wherein said at least one surface and antifrosting adsorbent layer, after being maintained in a closed refrigerated environment at -28 °C, prevents the visible formation of condensation and frosting upon rapid exposure to room temperature and humidity for twelve seconds.

Claim 53 (Previously Presented) The transparent glazing according to Claim 52, wherein the polymeric coating comprises at least one polymer selected from the group consisting of a polyvinylpyrrolidone and a polyurethane.

Claim 54 (Previously Presented): The transparent glazing according to Claim 52, wherein the antifrosting adsorbent layer has a thickness of less than 100 microns.

Claim 55 (Previously Presented): The transparent glazing according to Claim 52, wherein the antifrosting adsorbent layer has a thickness of less than 20 microns.

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Claim 56 (Previously Presented): The transparent glazing according to Claim 52, wherein the antifrosting adsorbent layer has a thickness of at least 14.5 microns and at most 100 microns.

Claim 57 (Currently Amended): The transparent glazing according to Claim 52, wherein said at least one surface and antifrosting adsorbent layer, after being maintained in a closed refrigerated environment at -28 °C, prevents the visible formation of condensation and frosting upon rapid exposure to room temperature and humidity for three minutes.

Claim 58 (Previously Presented) The transparent glazing according to Claim 57, wherein the polymeric coating comprises at least one polymer selected from the group consisting of a polyvinylpyrrolidone and a polyurethane.

Claim 59 (Previously Presented): The transparent glazing according to Claim 57, wherein the antifrosting adsorbent layer has a thickness of less than 100 microns.

Claim 60 (Previously Presented): The transparent glazing according to Claim 57, wherein the antifrosting adsorbent layer has a thickness of less than 20 microns.

Claim 61 (Previously Presented): The transparent glazing according to Claim 57, wherein the antifrosting adsorbent layer has a thickness of at least 14.5 microns and at most 100 microns.

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Claim 62 (Previously Presented): The transparent glazing according to Claim 53,
wherein polymeric coating comprises a polyvinylpyrrolidone.

Claim 63 (Previously Presented): The transparent glazing according to Claim 53,
wherein polymeric coating comprises a polyurethane:

Claim 64 (Previously Presented): The transparent glazing according to Claim 53,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 65 (Previously Presented): The transparent glazing according to Claim 54,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 66 (Previously Presented): The transparent glazing according to Claim 55,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 67 (Previously Presented): The transparent glazing according to Claim 56,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 68 (Previously Presented): The transparent glazing according to Claim 58,
wherein polymeric coating comprises a polyvinylpyrrolidone.

Claim 69 (Previously Presented): The transparent glazing according to Claim 58,
wherein polymeric coating comprises a polyurethane.

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Claim 70 (Previously Presented): The transparent glazing according to Claim 58,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 71 (Previously Presented): The transparent glazing according to Claim 59,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 72 (Previously Presented): The transparent glazing according to Claim 60,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 73 (Previously Presented): The transparent glazing according to Claim 61,
wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

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SUPPORT FOR AMENDMENTS

Support for the amendment to Claim 52 is found in the Examples, which do not require the presence of the optional inorganic particles described at specification page 5, line 34 – page 6, line 6 in the invention antifrosting layer. Note for example specification page 9, lines 4–17, where a PVP film is used as an example of the invention antifrosting layer.